



NITFS Compliance Registration



Product: Geo*View Air Force Research Laboratories (AFRL)
Imagery Viewer, Version 2.1, Build 935

Sponsor: Air Force Research Laboratory

Date: March 2006

Expiration: March 2007

Registration #: 2046

Developer: PAR Government Systems Corporation

- ☐ Initial Registration
☒ Supplemental/Update # 2022
☐ Derived from Reg. #

System
N-0105/98, §4.1.1

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

-Advance Micro Devices (AMD)
Windows Professional 2000, SP3

Legend
Interpret
Generate
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

NITFS Features Implemented:

Format

NITF

☒ v2.1

☐ v2.0

☒ v1.1

NSIF

☒ v1.0

Pixel Value Types

☐ Boolean

☒ Integer

☐ Signed Integer *

☒ IEEE Real *

☐ IEEE Complex *

Annotation Segment Type

☒ Bit Mapped **

☒ CGM, 2301

☒ CGM, 2301A

☐ Labels **

Text Segments

☒ STA

☒ UT1

☒ U8S

☒ MTF

Image Segment Types

☒ MONO

☒ RGB

☐ RGB/LUT

☒ YCbCr

☒ MULTI

☐ NODISPLAY

☐ POLAR

Image Compression

☒ Not Compressed

☐ JPEG Lossy, 8-bit

☐ JPEG Lossy, 12-bit

☐ JPEG Downsample

☐ JPEG Lossless

☒ JPEG 2000

☐ Bi-Level

☐ Vector Quantization

☒ Multispectral JPEG, Individual Bands

Data Extension Segments

☐ TRE_OVERFLOW

☐ STREAMING_FILE_HEADER

☒ Controlled Extensions **

☐ Registered Extensions **

Tagged Record Extensions

☐ - NSDE

☒ - PIAE

☐ - Airborne SDE

☐ - Commercial

☒ SDE

☒ - ICHIPB

☐ - IOMPA

☐ - DPPDB

☒ Extensions

☒ - DIGEST

☒ SDE

☒ ESD001

☐ - HISTOA

☐ - NBLOCA

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.